

FIG. 1

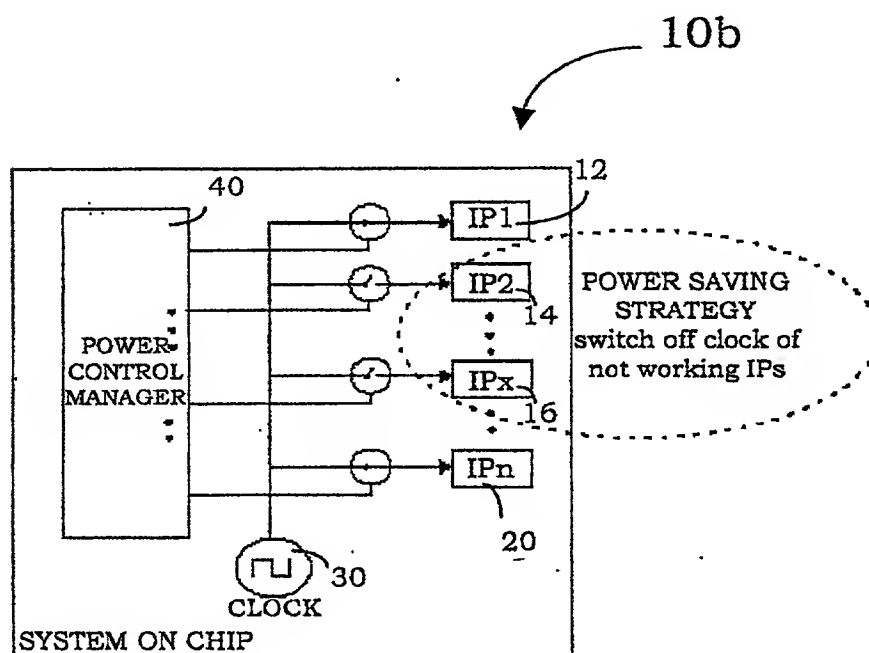


FIG. 2

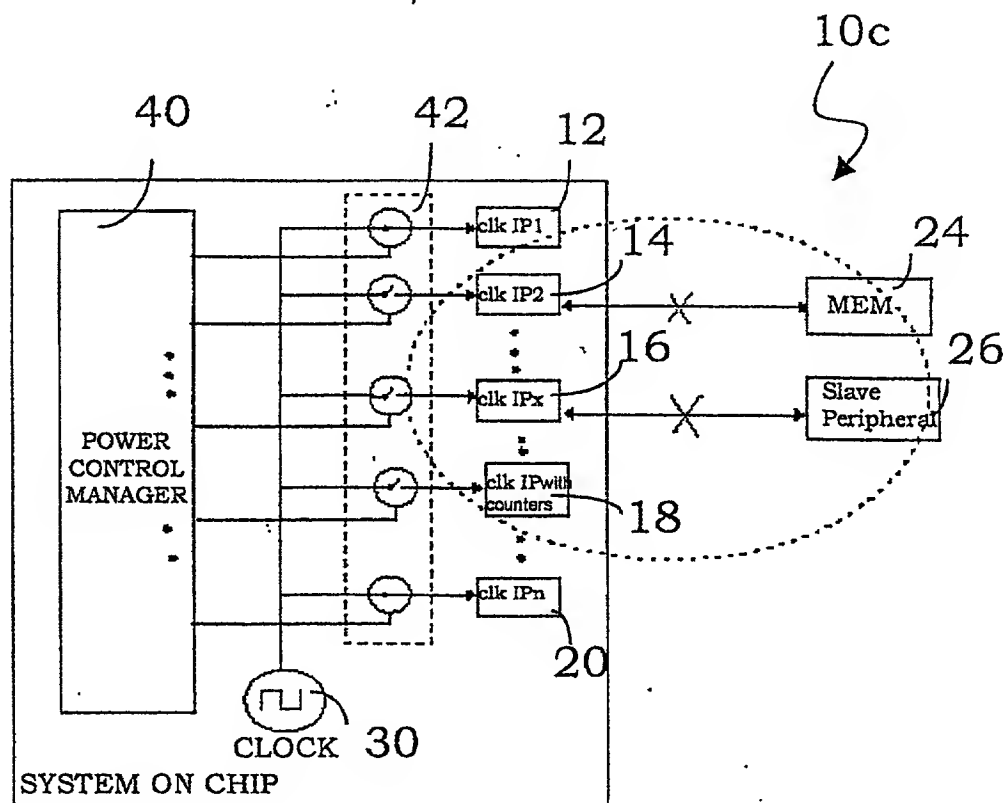


FIG. 3

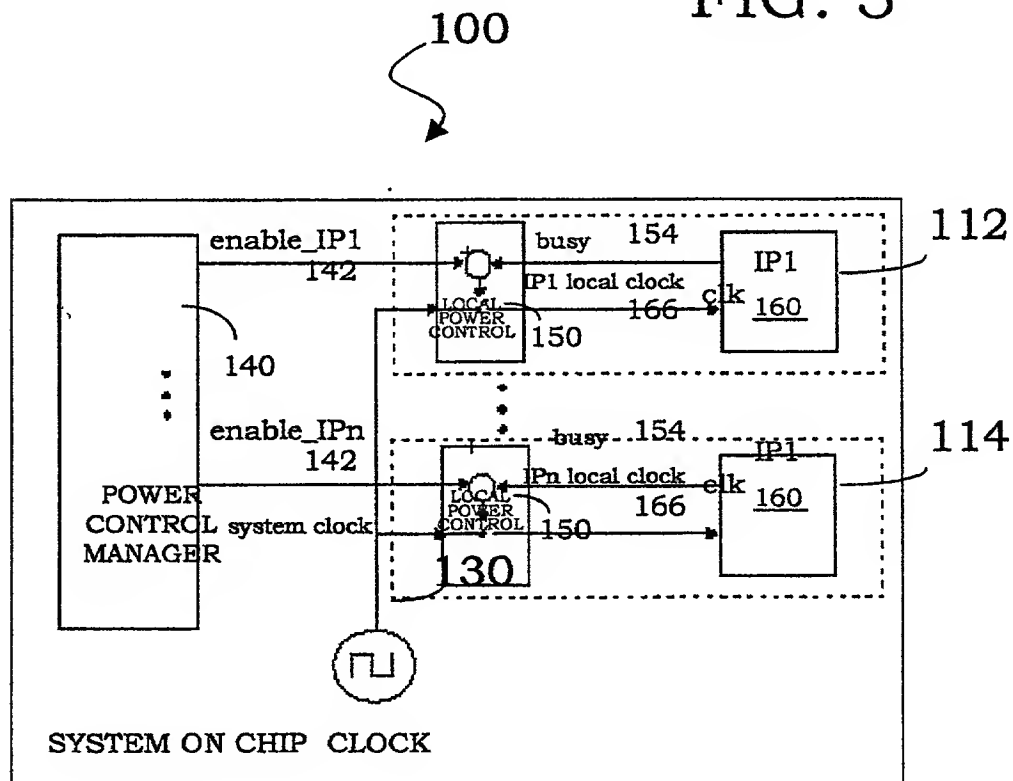


FIG. 4

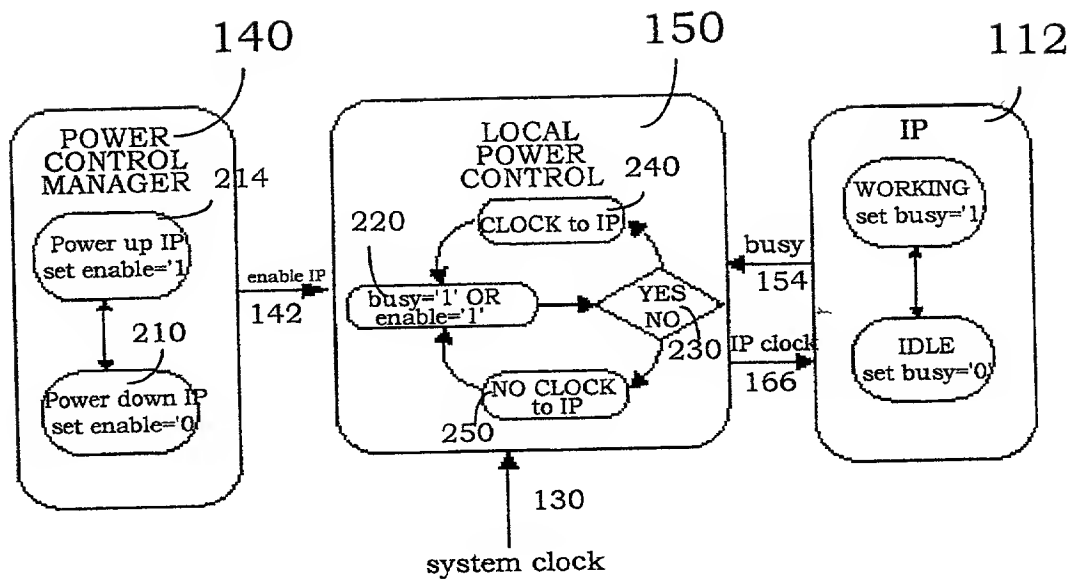


FIG. 5

Entering power down:

Power Down Manager:

foreach IP of System

If 'power up' IP

set IP enable to '1';

else

set IP enable to '0';

end foreach;

IP:

If 'idle' then:

set busy to '0';

else:

set busy to '1';

end if;

Local Power Control:

If "IP busy='1' or IP enable='1'" then:

deliver clock to IP;

else:

stop clock to IP

end if;

190

FIG. 6

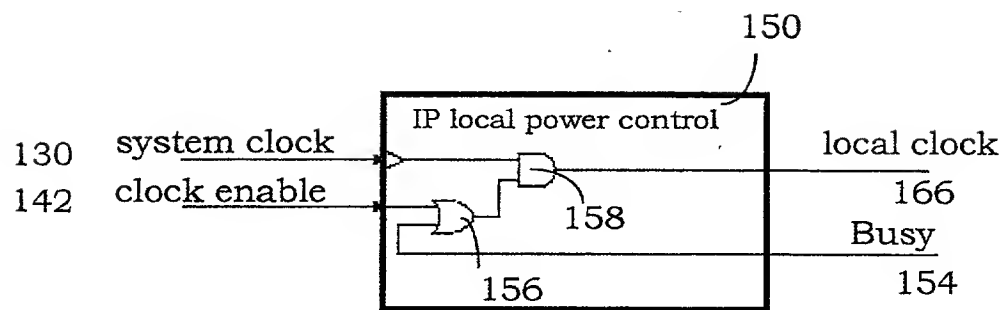


FIG. 7

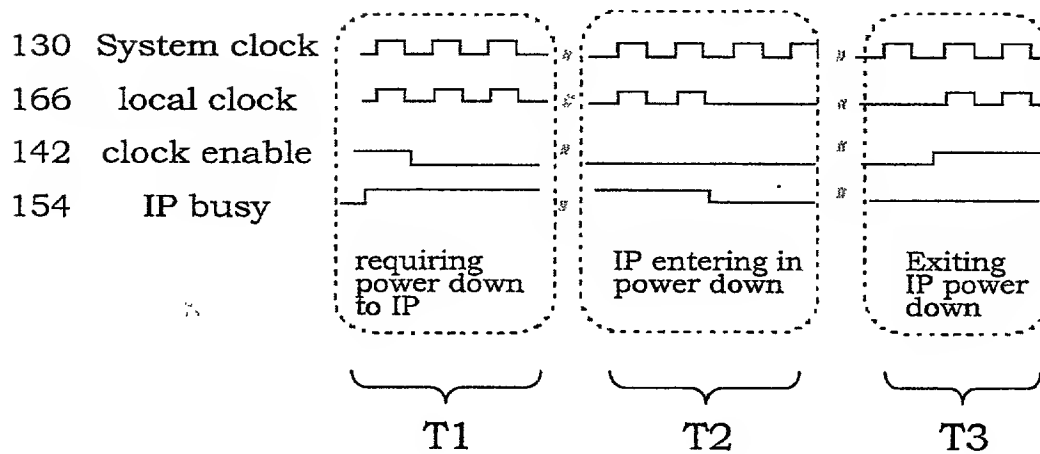


FIG. 8

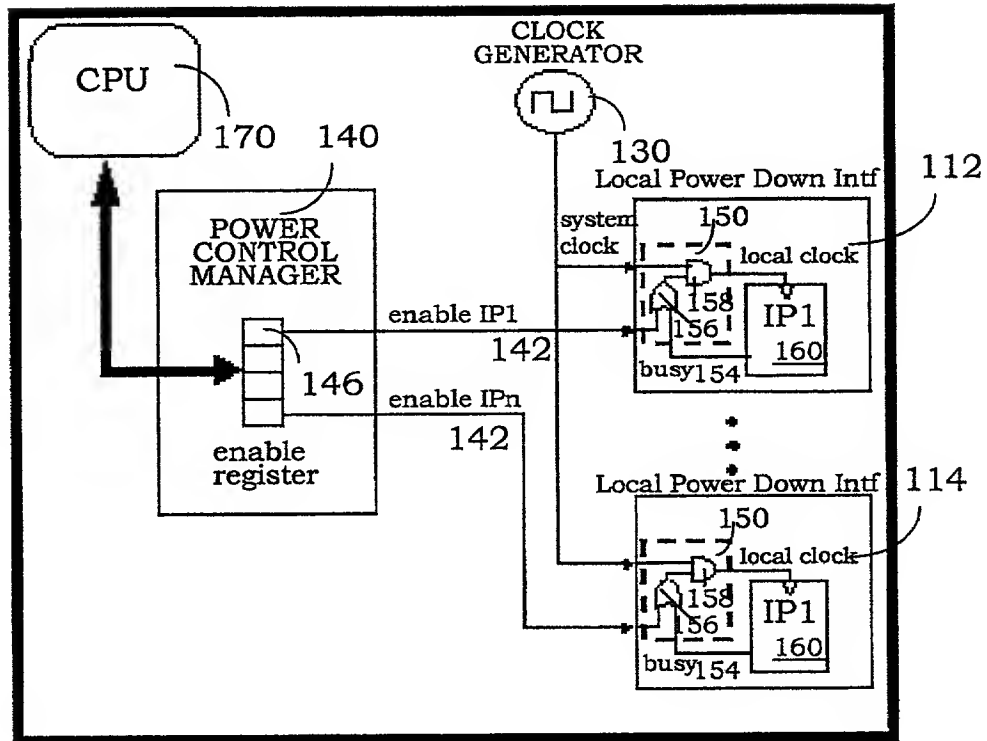


FIG. 9